

PATENT
ATTORNEY DOCKET NO. 46884-5388

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
Fumitsugu FUKUYO et al.)	Confirmation No.: 4531
)	
Application No.: 10/537,509)	Group Art Unit: 2891
)	
Filed: November 30, 2005)	Examiner: Jairus K. Greene
)	
For: METHOD FOR CUTTING)	
SEMICONDUCTOR SUBSTRATE)	

Commissioner for Patents
U.S. Patent and Trademark Office

Customer Window Mail Stop: ☒ **Amendment** ☐ **AF** ☐ **Issue Fee**
Alexandria, VA 22314

Sir:

INFORMATION DISCLOSURE STATEMENT (IDS)

☒ **Under 37 C.F.R. § 1.97(b):** Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO Form 1449. To the undersigned's knowledge, this IDS is being filed before the mailing date of a first Office Action on the merits, before the mailing date of a first Office Action on the merits after filing an RCE under § 1.114, or within three months of the application filing date.

☐ **Under 37 C.F.R. § 1.97(c):** Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicant brings to the attention of the Examiner the documents listed on the attached PTO Form 1449. This IDS is being filed after the events recited in § 1.97(b) but, to the undersigned's knowledge, before the mailing date of a Final Office Action, a Notice of Allowance, or another action that closes prosecution in the application.

☐ The fee of \$180.00 set forth in § 1.17(p) is included herein; or

☐ Applicant submits that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

☐ **Under 37 C.F.R. § 1.97(d):** Pursuant to 37 C.F.R. §§ 1.56 and 1.97(d), Applicant brings to the attention of the Examiner the documents listed on the attached PTO Form 1449. This IDS is being filed after the events recited in § 1.97(c) but before payment of the issue fee.

☐ The fee of \$180.00 set forth in § 1.17(p) is included herein; and

☐ Applicant submits that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

☐ **Under 37 C.F.R. § 1.97(i):** Pursuant to 37 C.F.R. §§ 1.56 and 1.97(i), Applicant brings to the attention of the Examiner the documents listed on the attached PTO Form 1449. This IDS is being filed after the events recited in § 1.97(d). Applicant requests that the IDS be placed in the file.

☒ A Malaysian Office Action dated April 25, 2007, a Taiwanese Office Action dated May 9, 2007 and an Office Action dated May 31, 2007 that issued in a corresponding U.S. patent application having documents cited thereon is attached for the Examiner's consideration. Any of these documents not previously cited, and any additional documents are listed on the PTO Form 1449.

☒ Applicant respectfully requests that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form. As for any document listed on the accompanying PTO-1449 that is in a language other than English, relevance can be understood from an enclosed English abstract or at least partial translation or from mention in the specification or in a search report for a corresponding application.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that any of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

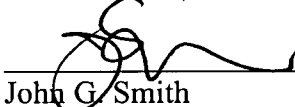
Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should any of the documents be applied against the claims of the present application.

Except for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this Application, including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required and including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0573. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

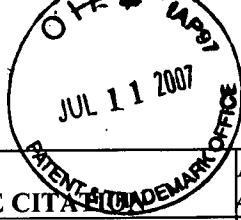
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Dated: July 11, 2007


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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /E.U./
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Attorney Docket No.: 46884-5388	Serial No.: 10/537,509
	Applicants Fumitsugu FUKUYO et al.	Page 1 of 2
PTO Form 1449	Filing Date: November 30, 2005	Group Art Unit: 2891

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	3,610,871	Oct. 5, 1971	Lumley			
	3,626,141	Dec. 7, 1971	Daly			
	3,629,545	Dec. 21, 1971	Graham et al.			
	3,790,051	Feb. 5, 1974	Moore			
	4,242,152	Dec. 30, 1980	Stone			
	4,531,060	Jul. 23, 1985	Suwa et al.			
	5,230,184	Jul. 27, 1993	Bukhman			
	5,841,543	Nov. 24, 1998	Guldi et al.			
	5,925,271	Jul. 20, 1999	Pollack et al.			
	5,968,382	Oct. 19, 1999	Matsumoto et al.			
	5,976,392	Nov. 2, 1999	Chen			
	6,031,201	Feb. 29, 2000	Amako et al.			
	6,175,096	Jan. 16, 2001	Nielsen			
	6,181,728	Jan. 30, 2001	Cordingley et al.			
	6,285,002	Sep. 4, 2001	Ngoi et al.			
	6,325,855	Dec. 4, 2001	Sillmon et al.			
	2002/0170896	Nov. 21, 2002	Choo et al.			
	2005/0189330	Sep. 1, 2005	Fukuyo et al.			
	6,992,026	Jan. 31, 2006	Fukuyo et al.			
	2006/0040473	Feb. 23, 2006	Fukuyo et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	<u>Translation</u> YES NO	
	165354	Aug. 1, 1991	Taiwan			Abstract	
	192484	Oct. 11, 1992	Taiwan			Abstract	
	219906	Feb. 1, 1994	Taiwan			Abstract	
	WO 2004/082006	Sep. 23, 2004	PCT			Abstract	
	0 863 231	Sep. 9, 1998	Europe				
	2001-017690	Mar. 5, 2001	Korea			Abstract	
	59-130438	Jul. 27, 1984	Japan			Abstract	
	60-144985	Jul. 31, 1985	Japan			Abstract	
	62-004341	Jan. 10, 1987	Japan			Abstract	
	64-038209	Feb. 8, 1989	Japan			Abstract	
	03-276662	Dec. 6, 1991	Japan			Abstract	
	04-029352	Jan. 31, 1992	Japan			Abstract	
	04-300084	Oct. 23, 1992	Japan			Abstract	
	08-197271	Aug. 6, 1996	Japan			Abstract	
	09-260310	Oct. 3, 1997	Japan			Abstract	
	10-071483	Mar. 17, 1998	Japan			Abstract	

Examiner /Elias Ullah/	Date Considered 08/14/2008
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)						Attorney Docket No.: 46884-5388		Serial No.: 10/537,509	
						Applicants Fumitsugu FUKUYO et al.		Page 2 of 2	
PTO Form 1449						Filing Date: November 30, 2005		Group Art Unit: 2891	
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*Examiner Initial		Document Number	Date	Name	Class	Sub Class	Filing Date		
FOREIGN PATENT DOCUMENTS									
		Document Number	Date	Country	Class	Sub Class	Translation YES NO		
		10-214997	Aug. 11, 1998	Japan			Abstract		
		10-233373	Sep. 2, 1998	Japan			Abstract		
		11-071124	Mar. 16, 1999	Japan			Abstract		
		2000-216114	Aug. 4, 2000	Japan			Abstract		
		2000-210785	Aug. 2, 2000	Japan			Abstract		
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		2001-127015	May 11, 2001	Japan			Abstract		
		2001-326194	Nov. 22, 2001	Japan			Abstract		
		2002-192368	Jul. 10, 2002	Japan			Abstract		
		2002-205181	Jul. 23, 2002	Japan			Abstract		
		2002-224878	Aug. 13, 2002	Japan			Abstract		
		2005-047290	Feb. 24, 2005	Japan			Abstract		
		2005-313237	Nov. 10, 2005	Japan			Abstract		
OTHER DOCUMENTS									
(Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)									
		A. Ishii et al., CO2 Laser Processing Technology, Nikkan Kogyo Publishing Production, Dec. 21, 1992, pp. 63-65 (with partial English translation)							
Examiner /Elias Ullah/					Date Considered 08/14/2008				
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									